MACHINE FEATURES:
- Centroid M400 control with 15” LCD
- 15 HP spindle motor, BT40 / CAT40 spindle taper
- 8,000 rpm spindle speed with spindle oil cooler
- Armless type 16 tool ATC
- Hardened & ground with Turcite-B coating guide way
- Double nut precision ball screws hardened & ground for high accuracy and long lasting
- FC30 Meehanite casting main frame with annealed & stress relieved for long term reliability
- 100% laser tested for positioning accuracy & repeatability
- 4 Box ways design on Y axis to provide maximum rigidity & stability
- Telescopic steel way covers on all three axes
- Tool box & tools
- Coolant system and air blast system
- Central lubrication system
- Built-in Quartz work light
- Rigid tapping (opt)
- Portable hand wheel (opt)

Specification
X / Y / Z travel: 33.8” / 20” / 24”
Distance from spindle to column: 23.2”
Distance from spindle to table top: 5.9” ~ 30”

Working Table
Size (X / Y): 38.6” / 19.6”
T-slot: 0.7” x 5 x 5.1”
Load capacity: 1980 lbs

Spindle
Motor: 15 HP
Speed: 8,000 rpm
Taper: CAT40 / BT40

Feed Rate
Rapid X / Y / Z: 640 / 640 / 480 ipm
Cutting: 300 ipm

ATC
Tool magazine capacity: Armless 16 tool
Max. tool dia. / adj. pocket empty: Ø 3.5” / Ø 5.9”
Max. tool length: 11.8”
Max. tool weight: 15.4 lbs

General
Power requirement: 32 KVA
Pneumatic tank requirement (min.): 5 ~ 8 (5) kg/cm^2
Coolant tank capacity (pump): 63.4 gal (1 hp)

Dimension & Weight
L X W X H: 136” x 93” x 108”
Weight: 9,900 lbs
## Standard Accessories
- Boster (unclamp) cylinder
- Full enclosure
- Telescoping way cover
- Tools & box
- Screw type chip auger
- Auto lube
- Coolant system
- Power chain
- Spindle chiller
- Air gun & spindle air blast
- Operation manual
- Encoder set

## Optional Machine Accessories
- **CK-105**
  - 52pcs Clamping Kit slot: 0.71” (18mm); stud: 5/8-11
- **CP-MIST**
  - Mist Coolant System
- **UG-RPM100**
  - Upgrade to 10000 rpm (need to be finished in factory)
- **UG-MT15**
  - Upgrade to high torque Y and Delta Motor
- **VISE-6**
  - 6” Angle Vise W/ Swivel Base (Import)
- **C40RK-45**
  - Retention Knob Cat40, 45degree 20pcs
- **CP-SP**
  - Coolant Through Spindle

## Optional Software Accessories
- **10620**
  - Compression tapping
- **10610**
  - User definable Macros and sub programs [M98 & G65]
- **10851**
  - Cutter compensation
- **10360**
  - 4th axis software
- **10630**
  - Unlimited part program size
- **10730**
  - Intercon off-line conversational program (for your desktop PC)
- **10810**
  - Rigid tapping [G74 & G 84] (includes 10620)
- **10850**
  - Coordinate system rotation (CSR)
- **10625**
  - Scaling and mirroring [G50 & G51]
- **10814**
  - DXF in, CAD drawing input software
- **10660**
  - BCD tool change output
- **10740**
  - Engraving software
- **Digitizing & Probing**
- **10405**
  - DP-4 probing package w/ CSR (10850)
- **12486**
  - DP-7 probing package w/ CSR (10850)
- **10770**
  - 2D & 3D digitizing software (requires 10405)
- **10220**
  - TT-1; Tool touch off kit
- **12468**
  - TT-2; Tool touch off kit
- **10772**
  - Tool room package (10405 & 10220 & 10600 work coordinate)

## Miscellaneous
- **11069**
  - 100 Step MPG

**WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE**

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